



United States Environmental Protection Agency
Washington, DC 20460

Work Assignment Number
01-14

Work Assignment

[X] Original [] Amendment Number:

Contract Number

EP-C-08-010

Contract Period Option Period 1

12/1/09 - 11/30/10

Title of Work Assignment:

Technical Editing to Support the Risk Assessment Forum
doc. "Framework for Determining a Mutagenic"

Contractor
Scientific Consulting Group, Inc.

Specify Section and Paragraph of Contract SOW
Task 2.2

Purpose:

[X] Work Assignment Initiation [] Work Assignment Close-Out
[] Work Assignment Amendment [] Incremental Funding
[] Work Plan Approval

Periods of Performance

From Upon Approval by CO To: 7/31/2010

Comments:

[] Superfund

Accounting and Appropriations Data

[X] Non-Superfund

DC (Max 6)	Budget /FYs	Appropriation Code (Max 6)	Budget Orn/Code	Program Element	Object Class	Amount	(Dollars)	(Cents)	Site/Project (Max 8)	Cost Org/Code (Max 7)
1										
2										
3										
4										
5										

Authorized Work Assignment Ceiling

Contract Period: 12/1/09 - 11/30/10

Cost/Fee

LOE

Previously Approved

This Action

Total

Work Plan / Cost Estimate Approvals

Contractor WP Dated

Cost/Fee:

LOE:

Cumulative Approved:

Cost/Fee:

LOE:

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(Signature)

(Date)

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Contractor Acknowledgment of Receipt and Approval of Workplan (Signature and Title)

Date

PERFORMANCE WORK STATEMENT

Contract Number EP-C-08-010

Scientific Consulting Group

Work Assignment Number: 01-14

Title: Technical Editing Support of the Risk Assessment Forum document entitled
"Framework for Determining a Mutagenic Mode of Action for Carcinogenicity"

Scope of Work Reference:

Task: 2.2

Period of Performance:

Date of Issuance through July 31,
2010

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1. BACKGROUND

EPA's 2005 *Guidelines for Carcinogen Risk Assessment* (or "*Cancer Guidelines*") emphasizes using Mode of Action (MOA) information in interpreting and quantifying the potential cancer risk to humans (U.S. EPA, 2005a). EPA's *Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens* (or "*Supplemental Guidance*") also relies on assessing the MOA of a chemical. In particular, the *Supplemental Guidance* recommends that age-dependent adjustment factors (ADAFs) be used with the cancer slope factors and age-specific estimates of exposure in the development of risk estimates if the weight of the evidence supports a mutagenic MOA. This default approach is used only when appropriate, chemical-specific data are not available on susceptibility from early-life exposures (U.S. EPA, 2005b; see also discussion of analysis of the data in Barton et al., 2005). Given the potentially broad impact of judging an agent to have a mutagenic MOA, it is important that EPA's risk assessors approach the identification of a mutagenic MOA for carcinogenicity in a consistent, objective, transparent, and scientifically sound manner.

The analysis in this *Framework for Mutagenic MOA* expands and clarifies discussions found in the *Cancer Guidelines* and *Supplemental Guidance* on characteristics to be evaluated for a chemical's potential for a mutagenic MOA.

This *Framework* was developed by EPA's Risk Assessment Forum Technical Panel on Mutagenic Mode of Action in consultation with the Risk Assessment Forum's Human Health Oversight Committee. The Technical Panel was tasked with the development of the Framework in 2005. Following extensive deliberations by the Technical Panel, an External Review Draft was made available for public comment in September 2007 and underwent External Peer Review at a public meeting in April 2008. The document was then revised considering external peer review comments, and further EPA review of the post-peer review meeting, revised draft. The draft document requires technical editing to prepare it for final issuance.

2. PURPOSE

The purpose of this Performance Work Statement is to provide technical editing support to assist EPA in producing for the Risk Assessment Forum a document entitled "Framework for Determining a Mutagenic Mode of Action for Carcinogenicity." The draft *Framework* document will be provided to the contractor. The Contractor's activities will not require special expertise in the technical matters of the paper, but the Contractor should possess good technical writing and editing skills.

3. Tasks

Task 1 - Prepare Work Plan and Cost Estimate

The Contractor shall prepare its work plan, budget estimate, and schedule of deliverables, within 15 calendar days after receipt of work assignment.

Task 2 – Edit the Draft "Framework for Determining a Mutagenic Mode of Action for Carcinogenicity"

The draft *Framework* document will be provided to the Contractor for technical editing and final production. The document will include several chapters, and will include appendices and figures. Specific activities may include, but are not limited to: (1) Performing basic editing (i.e., spelling, grammar, punctuation, paragraph structure, etc.) for the *Compendium* document; (2) Verifying all references contained in the body of the document are also listed in the bibliography, and vice versa; (3) Verifying all references are cited correctly and able to be located based on the citation information; (4) Assessing the document for consistency in writing styles and making the appropriate modifications so that the writing flows smoothly; (5) Formatting the document in a professional manner so that it is ready to be printed (i.e., indentations, fonts, page numbers, headings, etc.).

4. Schedule of Deliverables

Product	Due Date
Work plan and cost estimate	Within 15 calendar days after receipt of work assignment
Assemble and assess the <i>Framework</i> ; report and report back to EPA WA COR	5 working days after receipt of draft <i>Framework</i>
First draft edited paper	7 working days after receipt of report contents or comments from the EPA WA COR
Final, formatted paper	5 working days after receipt of report contents or comments from the EPA WA COR on first draft

5. ACCEPTANCE CRITERIA

Final products shall be produced by the Contractor upon the EPA WA COR's approval through written technical direction. The Contractor shall provide all materials written as part of these tasks to the EPA WA COR, as per work assignment, in electronic format. Electronic versions shall be compatible with current ORD computer systems (Word and Excel) and software.

6. MANAGEMENT CONTROLS:

Periodic meetings between the EPA and contractor work assignment managers are encouraged to discuss any questions that may arise during performance or completion of this work assignment. At the EPA WA COR's discretion, these meetings may occur via teleconference or video conferences. The contractor shall document these meetings and submit copies of this correspondence to the EPA WA COR.

The EPA WA COR may identify one or more EPA technical representatives for this work assignment. Interaction between the contractor and any EPA technical representative(s) designated by the EPA WA COR is solely for the purpose of presenting and discussing the information, analyses, results, or presentations related to this work assignment. The interaction will be technical communication vice technical direction. Per the technical direction clause EPAAR 1552.237-71 of the contract, the EPA PO COR and the EPA WA COR or alternate EPA WA COR are the only representatives of the CO authorized to provide technical direction.

Per the technical direction clause, the CO and PO will be provided with copies of all technical direction.

7. CONFIDENTIALITY

Some of the information to be edited under this task may be internal information that is not ready for public distribution. The Contractor shall not discuss the contents of the document with anyone not specified as a participant in the document review process or its preparation.